

GENERAL CONSTRUCTION NOTES

CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS EXCEPT STATE HWY., COUNTY ROAD, RAILROAD OR WATER CROSSINGS.

RESTORATION OF ALL RIGHT OF WAY GROUND WILL BE RESTORED TO ORIGINAL CONDITION OR BETTER.

CONTRACTOR WILL COORDINATE WITH OSP MANAGER 24 HRS. PRIOR TO BEGINNING CONSTRUCTION. CALL OSP MANAGER WHEN CONSTRUCTION IS COMPLETED. RON 208-661-5648

OSP MANAGER WILL CONTACT BUILDING OWNER/TENANT 24 HRS. PRIOR TO BEGINNING CONSTRUCTION TO COORDINATE ACCESS TO BUILDINGS.

CONTRACTOR IS RESPONSIBLE FOR CALLING LOCATES AND IS RESPONSIBLE FOR REPAIR AND RESTORATION OF DAMAGED UTILITIES.

FOLLOW ALL NESC CONSTRUCTION GUIDELINES.

CONTRACTOR WILL HAVE ON SITE THE APPROVED DRAWINGS FROM THE UTILITY AND OR STATE, COUNTY, CITY, RAILROAD.

CONTRACTOR WILL PROVIDE CONDUIT, HAND HOLES, ANCHORS, AERIAL HARDWARE, LOCATE WIRE

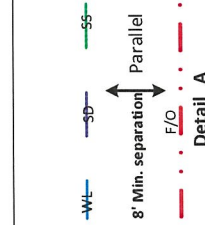
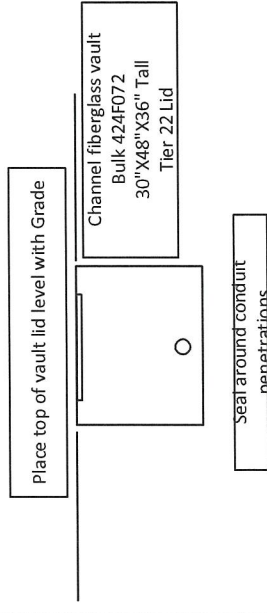
PORT OF LEWISTON (POL) WILL PROVIDE, FIBER OPTIC CABLE, AERIAL MARKERS, AND LINE ROUTE MARKERS.

ABBREVIATIONS:

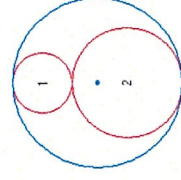
TIP	TOP INSIDE POSITION
TOP	TOP OUTSIDE POSITION
BIP	BOTTOM INSIDE POSITION
BOP	BOTTOM OUTSIDE POSITION
EA	EXTENSION ARM
PEA	PLACE EXTENSION ARM
RS	ROAD SIDE
FS	FIELD SIDE
DE	DEAD END
HOA	HEIGHT OF ATTACHMENT

	CULVERT
	DIRECTIONAL BORE
	AERIAL CABLE
	BURIED CABLE
	NEW ANCHOR
	SIDEWALK ANCHOR
	EXISTING ANCHOR
	OVERHEAD GUY
	ATTACH TO POLE GROUND
	FIBER SLACK LOOP
	JOINT USE POLE
	CABLE CHANGE
	BURIED ROUTE MARKER
	EXISTING HAND HOLE
	NEW HAND HOLE

Vault/ Hand Hole Detail



Cable Bundle Plot
1 = 5/16"11 2mHS
2 = DRF 0.095LN
Bundled = 0.850 in
WEIGHT = .31LB / FT



Drawing Name: Port of Lewiston	Drawn By: Ron Glesner 05-21-18			
	NEZ PERCE TO WARNER			
SHEET	SCALE	NO SCALE	SHEET 2	

REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY

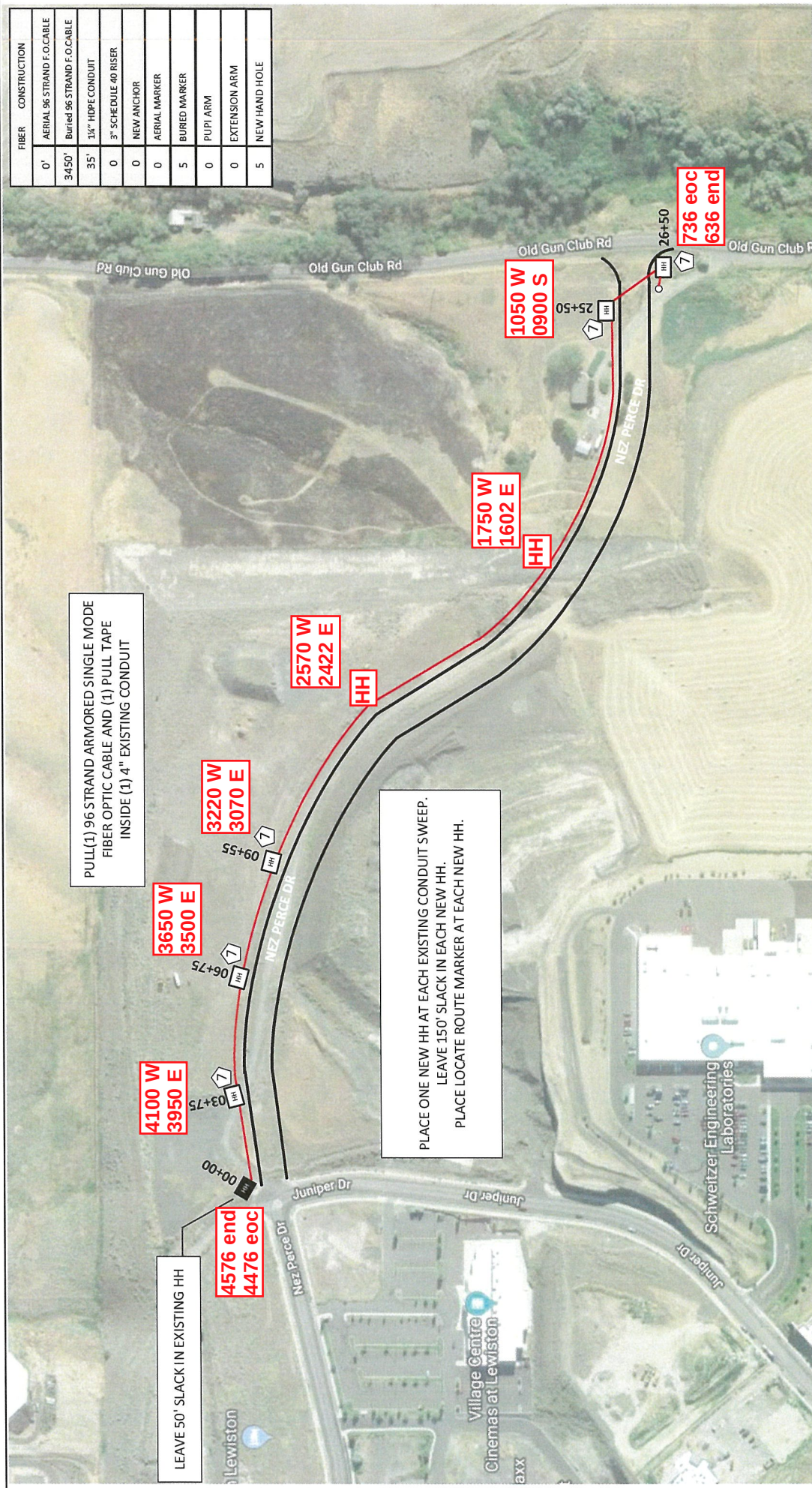
07-20-18	RG
DATE	BY
DATE	BY
DATE	BY
DATE	BY

Port of Lewiston Dave Doeringfeld 208-743-5531 Outside Plant Maintenance, LLC Ron Glesner 208-661-5648
--

State ID: County: Nez Perce City: Lewiston
Section: Township: Range: Legal:



FIBER	CONSTRUCTION
0'	AERIAL 96 STRAND F.O.CABLE
3450'	BURIED 96 STRAND F.O.CABLE
35'	1 1/2" HDPE CONDUIT
0	3" SCHEDULE 40 RISER
0	NEW ANCHOR
0	AERIAL MARKER
5	BURIED MARKER
0	PUPPI ARM
0	EXTENSION ARM
5	NEW HAND HOLE



PULL(1) 96 STRAND ARMORED SINGLE MODE FIBER OPTIC CABLE AND (1) PULL TAPE INSIDE (1) 4" EXISTING CONDUIT

PLACE ONE NEW HH AT EACH EXISTING CONDUIT SWEEP.
LEAVE 150' SLACK IN EACH NEW HH.
PLACE LOCATE ROUTE MARKER AT EACH NEW HH.

LEAVE 50' SLACK IN EXISTING HH

Drawing Name: Port of Lewiston		Drawn By: Ron Glesner	
		NEZ PERCE TO WARNER	
SIZE	FSC: MNO	DWG: NO	REV
SCALE		SHEET: A3	

State: ID County: Nez Perce City: Lewiston	Contact Information Port of Lewiston Dave Doeringfeld 208-743-5531 Outside Plant Maintenance, LLC Ron Glesner 208-661-5648
Section: Township: Range: Legal:	BY DATE DESCRIPTION REV.

AVISTA	#
DST. POLES	0
TXM. POLES	6
CONDUITS	0
ANCHORS	0
MGV'S	0

CUVERT
DIRECTIONAL BORE
AERIAL CABLE
BURIED CABLE
NEW ANCHOR
SIDEWALK ANCHOR
EXISTING ANCHOR
OVERHEAD GUY
ATTACH TO POLE GROUND
FIBER SLACK LOOP
JOINT USE POLE
CABLE CHANGE
BURIED ROUTE MARKER
EXISTING HAND HOLE
NEW HAND HOLE

ABBREVIATIONS:	
TIP	TOP INSIDE POSITION
TOP	TOP OUTSIDE POSITION
BIP	BOTTOM INSIDE POSITION
BOP	BOTTOM OUTSIDE POSITION
EA	EXTENSION ARM
PEA	PLACE EXTENSION ARM
RS	ROAD SIDE
FS	FIELD SIDE
DE	DEAD END
HOA	HEIGHT OF ATTACHMENT

POLE #	POLE CLASS	CL-H1	HOA	POSITION	MISC
00+00	436644	70'			
	ATTACHMENTS		26'8"	RS	
	NEUTRAL		23'7"	RS	
	PRIMARY		13'1"	RS	
	Proposed POL				

SEE SHEET 8 RISER DETAIL

10268 eoc
10738 end

10562

POLE #	POLE CLASS	CL-H1	HOA	POSITION	MISC
08+17	436643	80'			
	ATTACHMENTS		33'	RS	
	NEUTRAL		23'6"	RS	
	PRIMARY				
	Proposed POL				

10262

POLE #	POLE CLASS	CL-H1	HOA	POSITION	MISC
08+19	164943	80'			
	ATTACHMENTS		41'1"	RS	
	NEUTRAL		35'9"	RS	
	PRIMARY		23'6"	RS	
	Proposed POL				

POL ANCHOR AND GUY WEST

9644

POLE #	POLE CLASS	CL-H1	HOA	POSITION	MISC
12+37	164941	75'			
	ATTACHMENTS		34'5"	RS	
	NEUTRAL		23'6"	RS	
	PRIMARY				
	Proposed POL				

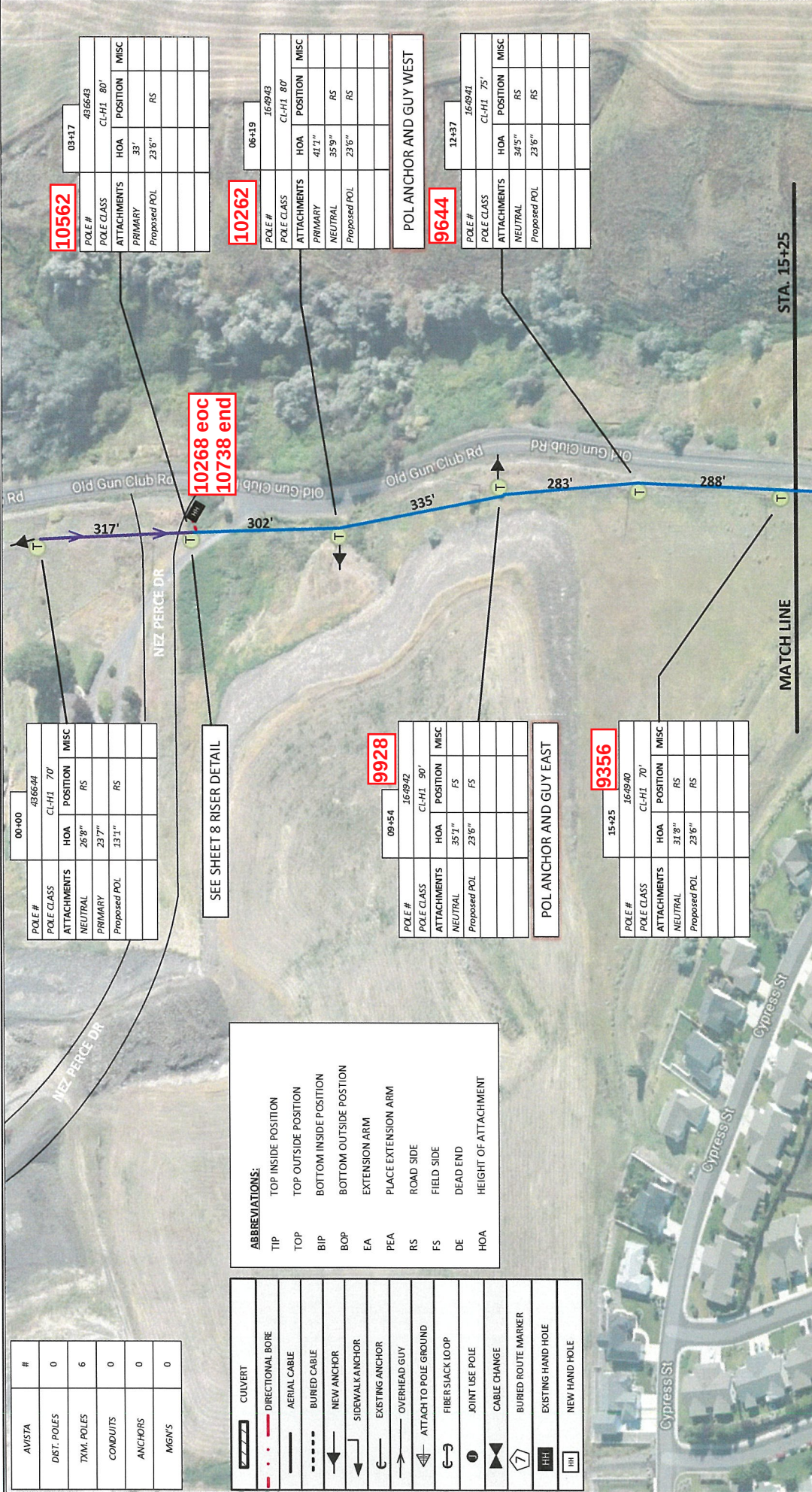
POL ANCHOR AND GUY EAST

9356

POLE #	POLE CLASS	CL-H1	HOA	POSITION	MISC
15+25	164940	70'			
	ATTACHMENTS		31'8"	RS	
	NEUTRAL		23'6"	RS	
	PRIMARY				
	Proposed POL				

9928

POLE #	POLE CLASS	CL-H1	HOA	POSITION	MISC
09+54	164942	90'			
	ATTACHMENTS		35'1"	FS	
	NEUTRAL		23'6"	FS	
	PRIMARY				
	Proposed POL				



Drawing Name: Port of Lewiston		Drawn By: Ron Glessner 05-21-18	
SIZE		DWG NO	
FSC/MNO		REV	
SCALE		SHEET 3	

REV.	REVISED	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY

Contact Information	
Port of Lewiston Dave Doeringfeld 208-743-5531 Outside Plant Maintenance, LLC Ron Glessner 208-661-5648	

State: ID	
County: Nez Perce	
City: Lewiston	
Section:	
Township:	
Range:	
Legal:	



AVISTA	#
DIST. POLES	1
TXM. POLES	7
CONDUITS	0
ANCHORS	2
MGN'S	0



Drawing Name: Port of Lewiston		Drawn By: Ron Glessner 05-21-18	
NEZ PERCE TO WARNER		REV	
SIZE	FSC/MNO	DWG NO	REV
SCALE	SHEET 4		

REV.	REVISED	RG
REV.	DESCRIPTION	DATE
REV.	DESCRIPTION	DATE
REV.	DESCRIPTION	DATE
REV.	DESCRIPTION	DATE

Contact Information	
Port of Lewiston Dave Doeringfeld 208-743-5531 Outside Plant Maintenance, LLC Ron Glessner 208-661-5648	
State: ID	County: Nez Perce
Township:	Range:
Legal:	



AVISTA	#
DIST. POLES	1
TRM. POLES	5
CONDUITS	0
ANCHORS	0
MGWS	6

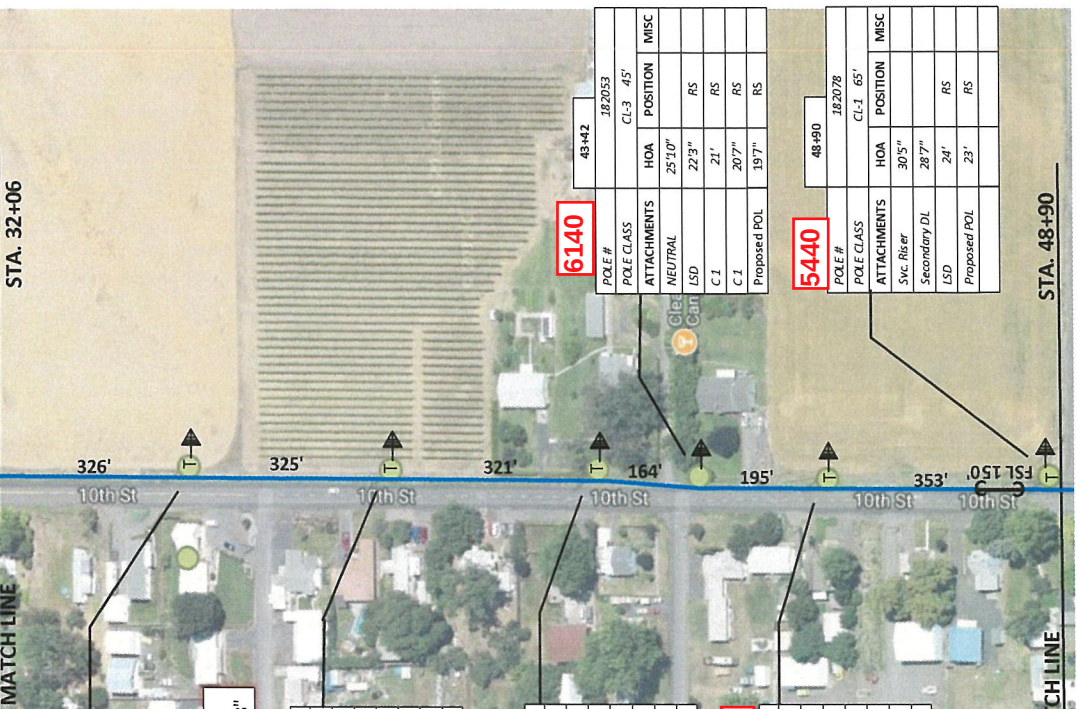
POLE #	182049
POLE CLASS	CL-1 70'
ATTACHMENTS	HOA
Transformer	33'2"
Neutral	32'7"
Avista F/O	24'8"
Proposed POL	24'8"

AVA MOVE HOA UP 12" TO 25'8"
POL TAKE VACATED POSITION AT 24'8"

POLE #	182050
POLE CLASS	CL-2 70'
ATTACHMENTS	HOA
3 RACK	29'6"
Svc Riser	28'7"
LIGHT	26'4"
Avista F/O	24'
Proposed POL	23'

POLE #	182051
POLE CLASS	CL-2 70'
ATTACHMENTS	HOA
Transformer	32'11"
3 RACK	29'7"
Proposed POL	23'6"
C 1	20'

POLE #	182076
POLE CLASS	CL-1 70'
ATTACHMENTS	HOA
Transformer	33'10"
LIGHT	30'6"
LSD	27'6"
Proposed POL	25'10"
Proposed POL	24'10"



STA. 32+06

STA. 48+90



State: ID	County: Nez Perce
City: Lewiston	
Section:	
Township:	
Range:	
Legal:	

Contact Information
Port of Lewiston
Dave Doeringfeld
208-743-5531
Outside Plant Maintenance, LLC
Ron Glessner 208-661-5648

REV.	Revised	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY

Drawing Name: Port of Lewiston	Drawn By: Ron Glessner	05-21-18
WARNER TO NEZ PERCE		
SIZE	SCALE	SHEET 5
REV	DWG NO	

STA. 70+79

70+79	1821.24	13330			
POLE #					
POLE CLASS					
ATTACHMENTS		CL-3	45'		
3 RACK		HOA	POSITION		MISC
GUY		27'9"			
USD		22'9"		TIP TOP	
C.1		20'2"		BOP	22'9" ↑

Proposed POL	20'2"	RS
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C1 Move up to X-Arm 22'9" BOP

66x14	13920
POLE #	182114
POLE CLASS	CL-C 46'
ATTACHMENTS	HOA POSITION
NEUTRAL	29'2" RS
Svc DL	26'10"
LSD	22' ▲ 214" ▲ 224"
C1	19'10" ▲ 214" ▲ 224"
X.O	18'3" ▲ 214" ▲ 224"
Proposed ROL	19'10" RS EA

POL Place FG Extension arm 19"10"
LSD Move to x-Arm 22"4" TIP
C1 Move to X-Arm 22"4" TOP
XO Move to X-Arm 22"4" BOP

62433	14300				
POLE #	POLE CLASS	HOA	POSITION	MISC	
			CL-3 45'		
	ATTACHMENTS				
	<i>Svc. Rider</i>	29'11"	RS		
	NEUTRAL	26'7"	RS		
	USD	22'3"			
	C1	21'3"	RS		
	X O	20'3"	RS		
	Reposited 201	19'13"	RS		

Avista Move Neutral up to 27'6"
Avista Move light HOA up to 21'9".
LSD Move HOA up to 20'.

SEE BURIED

5082	52443	182084						
POL #	POLE GLASS							
ATTACHMENTS	CLZ 2		70"					
MISC	HOA	POSITION						
	33'8"	RS	27'6"					
Svc. Riser	Neutral							
Supply	24'1"							
LIGHT	18'9"							
LSD	17'4"	RS	20'					
Proposed POL	19'	RS						

South
4898 eoc

POSITION	MISC
4794 end	

14' 239'

5322

POSITION	MISC
RS	
RS	

53+8	
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POLE #	POLE CLASS	ATTACHMENTS	HOA
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POLE #	5044
POLE CLASS	
ATTACHMENTS	HOA
3 RACK	22'4"
LSD	19'
Proposed POL	18'

3 RACK	31'3"	
Svc. Riser	29'11"	
LSD	26'	RS
Proposed POL	25'	RS

POL Attach to existing anchor
See sheet 8 riser detail

58+02	14892	182121	CL-2 45'	MISC
POL #	POL CLASS	POSITION	HOA	
	ATTACHMENTS		27'8"	
	Single Eye		25'11"	
	Vec. Riser		23'11"	RS
	USD		22'2"	RS
	Proposed POL		20'	RS

POL Place new anchor & DG W. side.
LSD Move HOA down to C1 position at
22'2". LSD take C1 DG.
C1 Move HOA down to 21'2". C1 DG to
new POL anchor. C1 RE-Sag spans to west

ATTACHMENTS	HOA	POSITION	MISC
3RACK	23'1"		
Svc. riser	22'4"		
LSR	20'7"	TIP 	19'
C 1	19'	TOP	
Proposed POL	19'	BOP	

POL Place PUP East side at 19'
Relocate LSD TIP, C1 TOP,POL BOP

POLE #	61453	14544	182119
POLE CLASS			CI-3 45'
ATTACHMENTS		HOA	POSITION
3 RACK		28'6"	MISC

LSD	24'6"	RS	
C1	20'4"	RS	23'6"
Guy	19'4"		

POLE CLASS	HOA	POSITION	MISC
ATTACHMENTS			
Svc. Riser	27'10"		
Riser DL	26'8"		
LSD	22'2"	<i>TIP</i>	
C.1	20'	<i>TOP</i> 	<i>22'2"</i>
X.O	18'10"	<i>BOP</i> 	<i>22'2"</i>

Proposed POL	20'	RS	EA
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POL Place FG Extension arm

<i>LIGHT</i>	24"8"	
<i>LS</i>	22"3"	<i>RS</i>
<i>LS</i>	21"9"	<i>RS</i>
<i>C 1</i>	20"4"	<i>RS</i>
<i>X O</i>	19"5"	<i>RS</i>
<i>Proposed POL</i>	18"5"	<i>EA</i>

Avista extend Riser 12"



State: ID County: Nez Perce City: Lewiston	Section: Township: Range: Legal:
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Contact Information

Port of Lewiston
Dave Doeringsfeld
208-743-5531

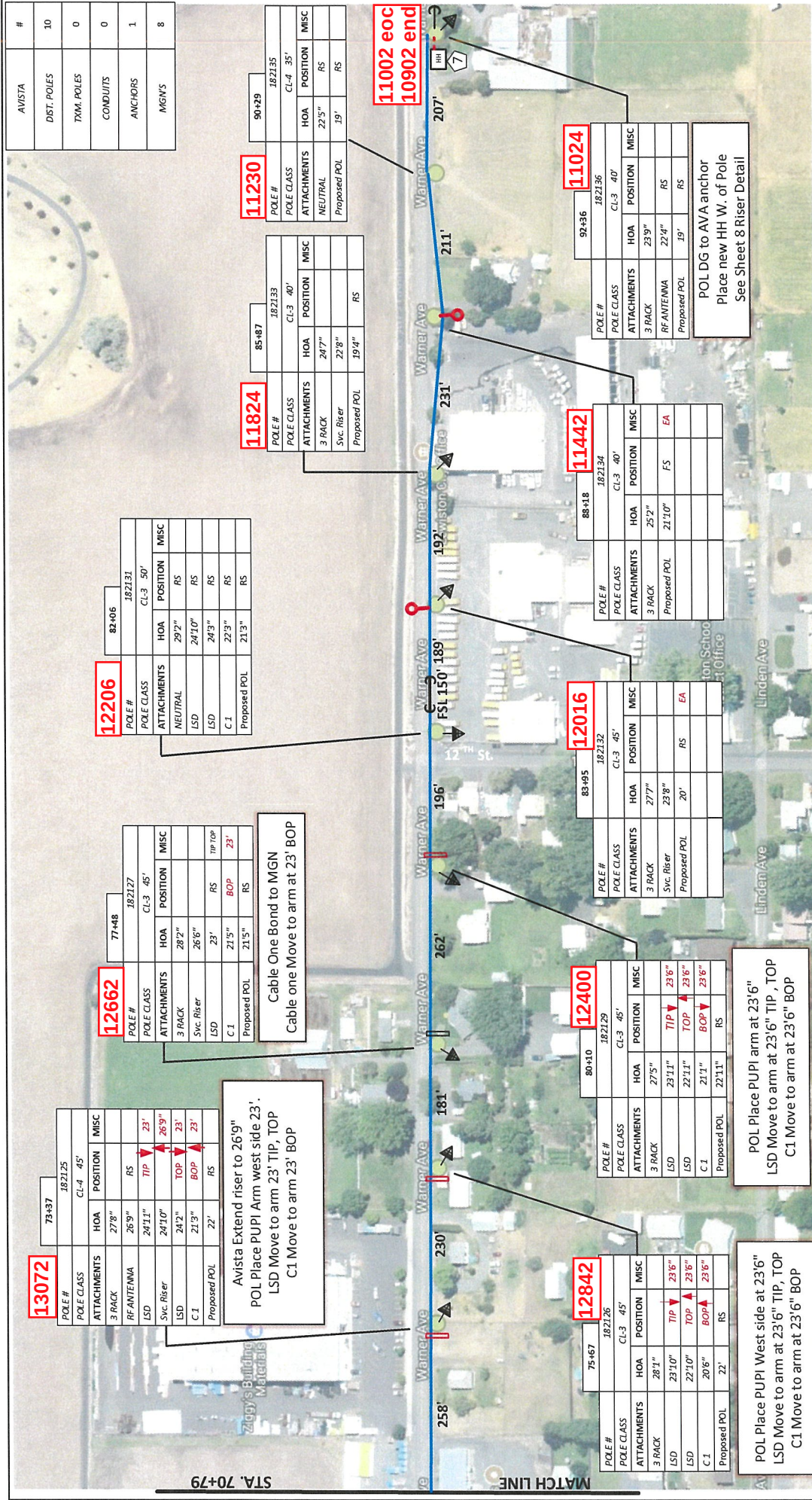
Outside Plant Maintenance, LLC
Ron Glessner 208-661-5648

REV.	Revised	07-20-18	RG
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY

Drawn By: Ron Glessner 05-21-18	
PERCE TO WARNER	
DWG NO	REV

Drawing Name: Port of Lewiston	NEZ	
	SIZE	ESCALINO

AVISTA	#
DIST. POLES	10
TXM. POLES	0
CONDUITS	0
ANCHORS	1
MGVS	8



Drawing Name: Port of Lewiston

Scale: 1" = 40'

Sheet: 7

Drawn By: Ron Glessner 05-21-18

NEZ PERCE TO WARNER

Rev:

State: ID

County: Nez Perce

City: Lewiston

Section: Township: 208-743-5531

Range: Outside Plant Maintenance, Inc

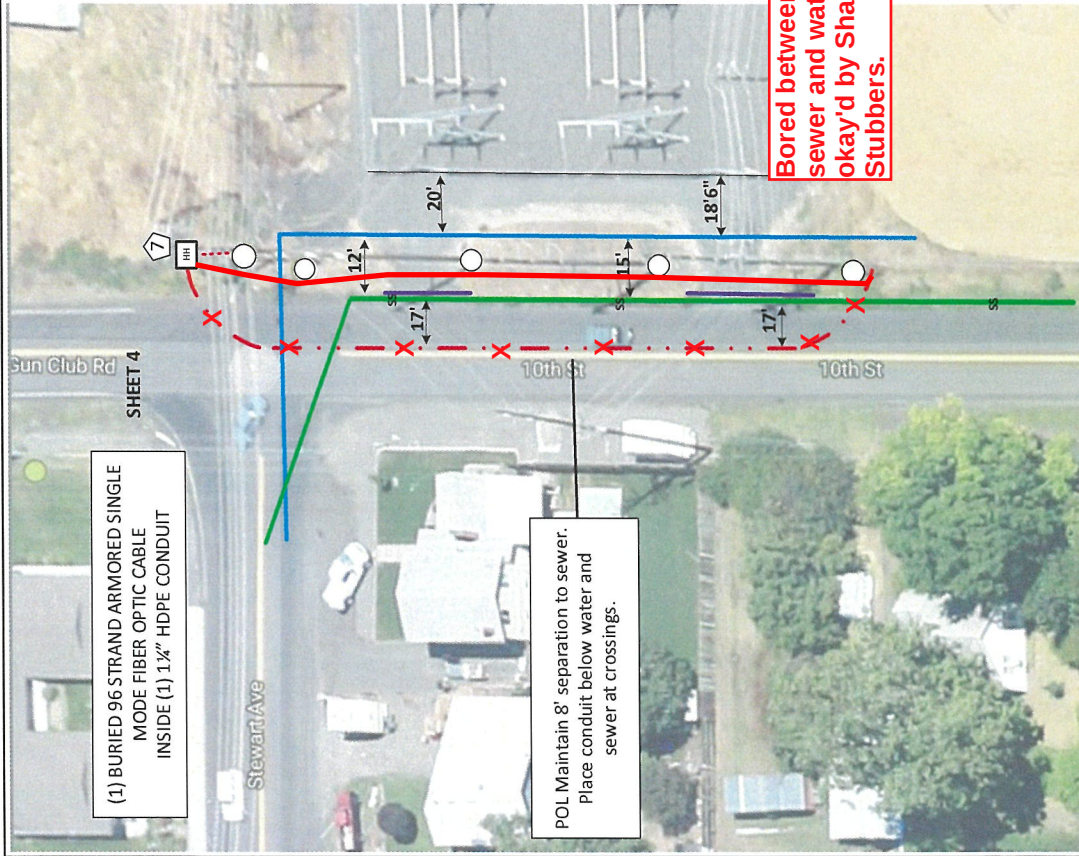
Legal: Ron Glessner 208-661-5648

Contact Information

Port of Lewiston
Dave Doeringsfeld
208-743-5531
Outside Plant Maintenance, Inc
Ron Glessner 208-661-5648

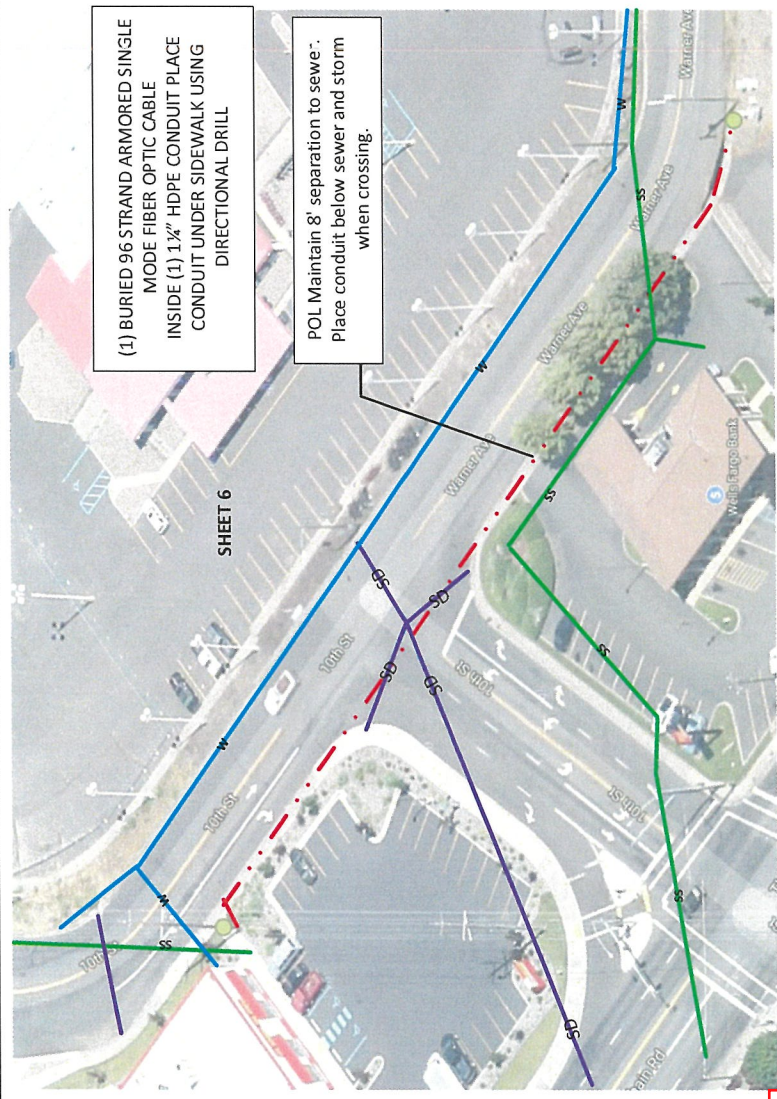
Revised

REV.	DATE	DESCRIPTION
07-20-18	DATE	DESCRIPTION
07-20-18	DATE	DESCRIPTION
07-20-18	DATE	DESCRIPTION
07-20-18	DATE	DESCRIPTION



(1) BURIED 96 STRAND ARMORED SINGLE
MODE FIBER OPTIC CABLE
INSIDE (1) 1 1/2" HDPE CONDUIT

POL Maintain 8' separation to sewer.
Place conduit below water and
sewer at crossings.



(1) BURIED 96 STRAND ARMORED SINGLE
MODE FIBER OPTIC CABLE
INSIDE (1) 1 1/2" HDPE CONDUIT PLACE
CONDUIT UNDER SIDEWALK USING
DIRECTIONAL DRILL

POL Maintain 8' separation to sewer.
Place conduit below sewer and storm
when crossing.

Drawing Name: Port of Lewiston		Drawn By: Ron Glessner 05-21-18	
NEZ PERCE TO WARNER		REV	
SIZE	ESC: MWD	DWG NO	REV
SCALE	SHEET 9		

REV.	REVISED	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY
REV.	DESCRIPTION	DATE	BY

State: ID County: Nez Perce City: Lewiston	
Section: Township: Range: Legal:	

Contact Information	
Port of Lewiston Dave Doeringfeld 208-743-5531 Outside Plant Maintenance, LLC Ron Glessner 208-661-5648	



Make Ready Summary	
Cable One	
Stationing	Description of work
58+02	Move HOA down 12" to 21'2"
59+28	Move to PUI at 19' TOP
61+53	Move up to 23'6" Bond
63+97	Move to arm at 222" TOP
66+14	Move to arm at 22'4"
70+79	Move to arm at 22'9" BOP
73+37	Move to arm at 23' BOP
75+67	Move to arm at 23'6" BOP
77+48	Move to arm at 23' BOP
80+10	Move to arm at 23'6" BOP

Make Ready Summary	
Century Link	
Stationing	Description of Work

Make Ready Summary	
X O Communications	
Stationing	Description of Work
63+97	Move to arm at 22'2" BOP
66+14	Move to arm at 22'4" BOP

Make Ready Summary	
Avista	
Stationing	Description of Work
35+32	Move F/O up 12" to 25'8"
52+43	Move neutral up 36" to 27'6"
52+43	Move light up 36" to 21'9"
68+39	Extend riser 12"
72+37	Extend riser to 26'9"

Make Ready Summary	
Lewiston School District	
Stationing	Description of Work
52+43	Move HOA up 24" to 19'4"
58+02	Move HOA down 21" to 22'2"
59+28	Move HOA down 19" to 19' TIP
73+37	Move to arm at 23' TIP TOP
75+67	Move to arm at 23'6" TIP TOP
80+10	Move to arm at 23'6" TIP TOP

Drawing Name: Port of Lewiston		05-21-18	
NEZ PERCE TO WARNER			
SHEET NO	SCALE	DWG NO	REV
SHEET 10		SHEET 10	

REV	DESCRIPTION	DATE	BY
REV	DESCRIPTION	DATE	BY

Contact Information	State ID County: Nez Perce City: Lewiston
Port of Lewiston Dave Doeringsfeld 208-743-5531 Outside Plant Maintenance, LLC Ron Glessner 208-661-5648	Section: Township: Range: Legal:



EXHIBIT H
ROUTE APPLICATION

Avista Use Only
2018-259

This **Route Application ("RA")** is made to the Joint Use Master License Agreement between AVISTA UTILITIES and PORT OF LEWISTON (Licensee), dated 01/08/2016. Terms used in the RA have the same meaning as such terms in the agreement unless otherwise indicated.

INSTRUCTIONS: Complete all details below and provide the RA, a one-sheet vicinity map of the route and pole-by-pole design details to AVISTA UTILITIES Joint Use. Priority to construct will be established by the date the completed application is received and approved. Rent will start on the date of the completed approved application.

Unless pole and anchor strengths have been evaluated by a licensed PE, Avista will perform the evaluations at the applicant's cost and will endeavor to do so within 45 days after the date of the completed application.

Identify each cable and messenger by diameter and weight. Provide overall bundle sizes for overlashed facilities.

☒ Application for Use ☐ Termination of Use ☐ Other _____

ROUTE	Starting Address	Intersection of Nez Perce Dr and Gun Club Rd, Lewiston, ID
	Route Description	Beginning at Avista pole 436664 at the intersection of Nez Perce Dr and Gun Club Rd; proceed south 5163' to Avista pole 300878. Then to Avista pole 182121 on south side of Warner Ave; proceed east 3434' to Avista pole 182136
	Ending Address	1234 Warner Ave, Lewiston, ID

CABLE (see instructions)	Application: check all that apply	☐ Video	☐ Audio	☒ Data
		messenger	cable #1	cable #2 (overlashed)
	Messenger/Cable type	6m	96	
	Installed Tension at 0 C	1010 lbf		
	Weight (lbs per 1000 feet)	225	72	
	Diameter (inches)	0.242 in.	0.89 in.	

PROPOSED ATTACHMENTS	feet of duct	NEW CONTACTS	OVERLASHED CONTACTS
no. of AVISTA UTILITIES distribution poles		21	
no. of AVISTA UTILITIES transmission poles		20	
no. of conduit risers on AVISTA UTILITIES poles		6	N/A
no of attachments to AVISTA UTILITIES anchors		2	N/A

SCHEDULE	Construction Start Date	July 23, 2018
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FOR AVISTA UTILITIES USE ONLY			
☒ Received	<u>6/12/2018</u>	☒ Approved as complete	<u>7/24/18</u>
☒ Notified of Omissions	<u>7/11/18</u>	☒ Permit from	<u>7/24/18</u> to <u>10/24/18</u>
		☒ Other (see attachment)	<u>2018-259</u>

Submission of this Route Application constitutes Licensee's acceptance of AVISTA UTILITIES standard permit conditions. Licensee understands that failure to meet a condition of approval means a failure to install in accordance with the permit and may render the permit denied. AVISTA UTILITIES does not warrant the extent of its rights-of-way and easements. Before installing any Attachment to AVISTA UTILITIES' poles or placing any anchors, Licensee shall secure any required permission or consent from federal, state, county or municipal authorities, or from owners of the property upon which poles may be located, to install and maintain Licensee's Attachments thereon. Licensee shall not infer any such permission or consent from AVISTA UTILITIES from any permit. Licensee shall indemnify and hold harmless AVISTA UTILITIES and its representatives, agents, officers, and employees from and against any and all loss, damage or liability resulting from any failure to procure the necessary consent or permission addressed above.

For PORT OF LEWISTON:

By: David R Doeringsfeld Digitally signed by David R Doeringsfeld
Date: 2018.06.11 14:30:14 -07'00'

Print Name & Job Title: Director

Phone: _____

Date: 6/12/18

For **AVISTA UTILITIES**

By: Stephen Schulte Digitally signed by Stephen Schulte
Date: 2018.07.24 16:39:44 -07'00'

Print Name & Job Title: Joint Use Administrator

Phone: 509-495-2548

Date: 7/24/18

Non-Refundable Application Processing Fee:

Accounting: **09802457.583000.115.Z57**

\$ 520

Check # 21624

☐ Invoiced

